ELECTRIC CONTROL TRANSPARENT RESIN PLATE

Publication number: JP2001062952
Publication date: 2001-03-13
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Applicant: TAKIRON CO
Classification:
- international: ***B32B7/02; B32B27/20;*** **B32B7/02; B32B27/20;** (IPC1-7): B32B7/02; B32B27/20
- European:
Application number: JP19990245955 19990831
Priority number(s): JP19990245955 19990831

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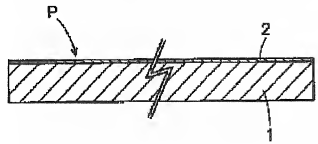
Abstract of **JP2001062952**

PROBLEM TO BE SOLVED: To provide an electric control transparent resin plate of little unevenness of surface resistivity demonstrating superior electric control properties while transparency and see-through properties are improved by a press.
SOLUTION: A pressed electric control transparent resin plate P is provided with a transparent thermoplastic resin electric control layer 2 of 0.05-0.50 &mu m thickness containing 2-8 wt.% extremely fine long carbon fibers meandering and interlocking one another and formed on a transparent thermoplastic base 1, and the resin plate P is provided with 75% or more total beam transmittance, 5% or less haze and less than 1010 &Omega surface resistivity. Meandering and long carbon fibers of 3.5-100 nm fiber diameter and 5 or more aspect ratio are used.



FUNCTIONAL FILM HAVING FUNCTIONAL LAYER AND OBJECT TO WHICH THE FUNCTIONAL LAYER IS IMPARTED

Publication number: JP2002347150
Publication date: 2002-12-04
Inventor: IIJIMA TADAYOSHI
Applicant: TDK CORP
Classification:
- international: ***G02B1/11; B32B5/16; B32B7/06; B44C1/17; G02B1/10; B44C1/17;*** **B32B5/16; B32B7/06; B44C1/17; G02B1/10;** B44C1/17; (IPC1-7): B44C1/17; B32B5/16; B32B7/06; G02B1/10; G02B1/11
- European:
Application number: JP20010149451 20010518
Priority number(s): JP20010149451 20010518; JP20000148826 20000519; JP20000148827 20000519; JP20000149051 20000519; JP20010013587 20010122; JP20010082787 20010322

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Abstract of **JP2002347150**

PROBLEM TO BE SOLVED: To provide a functional film for transfer, which has a functional layer capable of developing various kinds of functions by a method of application, for example, a transparent conductive layer having a low electric resistance value, an object to which the functional layer is imparted, and a method for manufacturing the object. SOLUTION: In this functional film, at least the functional layer 4 peelable from a supporting body 1, which serves as a compressed layer of functional fine particles, is provided on the supporting body 1. The compressed layer can be obtained by compressing a functional fine particle-containing layer formed in such a manner that a liquid, in which the functional fine particles are dispersed, is applied for drying onto the supporting body 1. This functional film is advantageous when the functional layer 4 of a uniform thickness is imparted to the object, such as a plate material, lacking in flexibility.